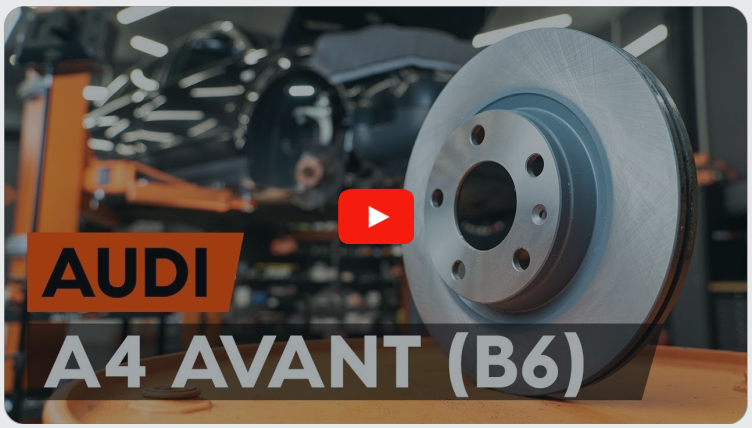
AUTODOC CLUB

How to change front brake discs on **AUDI A8 D2 (4D2, 4D8)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

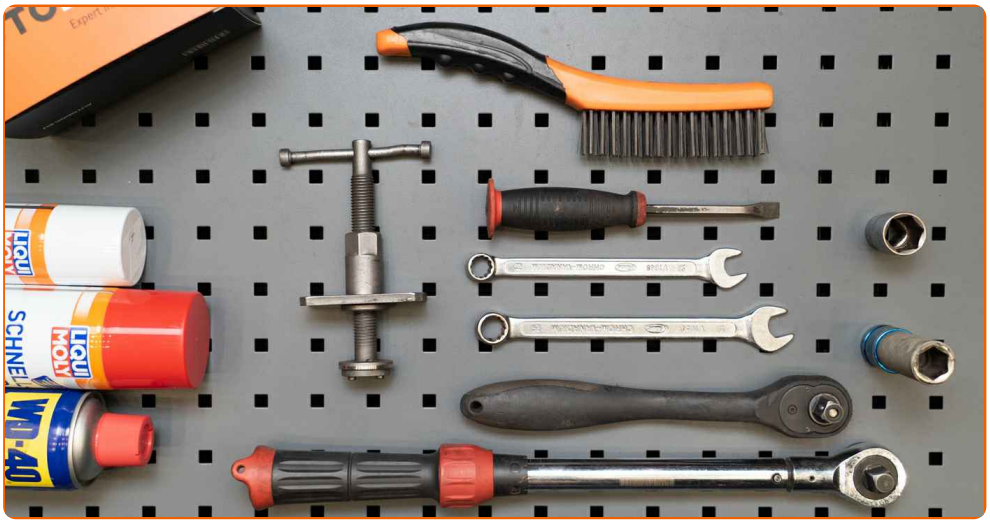
Important!

This replacement procedure can be used for:
AUDI A8 D2 (4D2, 4D8) 2.8 quattro, AUDI A8 D2 (4D2, 4D8) 4.2 quattro, AUDI A8 D2 (4D2, 4D8) 3.7 quattro, AUDI A8 D2 (4D2, 4D8) 3.7, AUDI A8 D2 (4D2, 4D8) 3.3 TDI quattro, AUDI A8 D2 (4D2, 4D8) S 8 quattro, AUDI A8 D2 (4D2, 4D8) 6.0 W12 quattro, AUDI A8 D2 (4D2, 4D8) 2.5 TDI quattro

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: AUDI A4 B6 Avant (8E5) 1.9 TDI

REPLACEMENT: BRAKE DISCS – AUDI A8 D2 (4D2, 4D8). TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Drive socket # 21
- Combination spanner #13
- Combination spanner #15
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Wheel chock

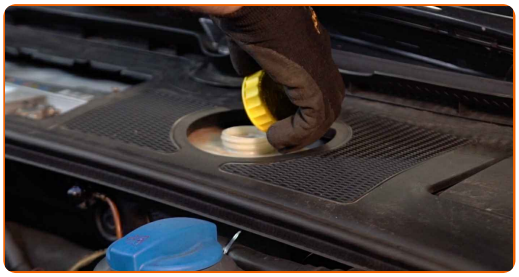
Buy tools

Replacement: brake discs – AUDI A8 D2 (4D2, 4D8). AUTODOC experts recommend:

- Replace the brake disks on the car AUDI A8 D2 (4D2, 4D8) in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- Please note: all work on the car – AUDI A8 D2 (4D2, 4D8) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #17.

4 Raise the front of the car and secure on supports.

5 Unscrew the wheel bolts.

Replacement: brake discs – AUDI A8 D2 (4D2, 4D8). AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6 Remove the wheel.

7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

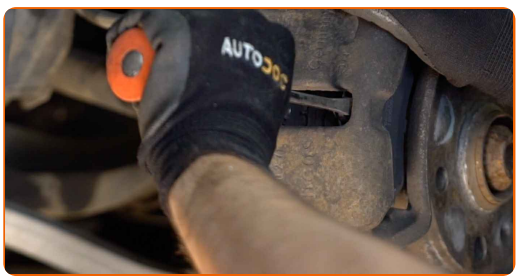
8 Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15.

9 Disconnect the brake pads wear sensor. Use a crowbar.

Please note!

- Some cars are not equipped with the brake pad wear sensor.

10 Spread the brake pads. Use a crowbar.



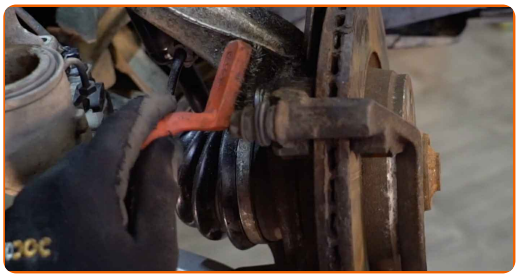
11 Remove the brake caliper.

Replacement: brake discs – AUDI A8 D2 (4D2, 4D8). Tip from AUTODOC experts:

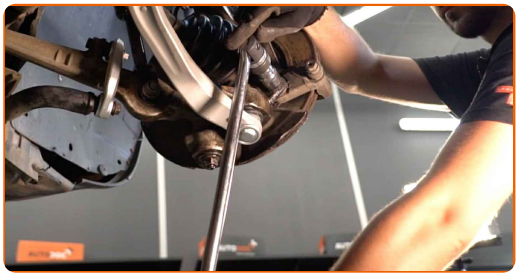
- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12 Remove the brake pads.

13 Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

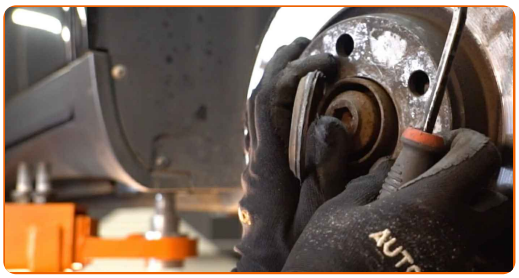


14 Unscrew the caliper bracket fastening. Use a drive socket #21. Use a ratchet wrench. Use a tap wrench.

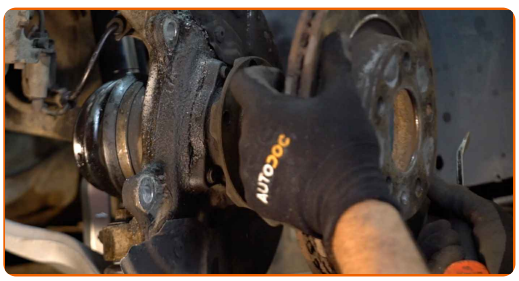


15 Remove the caliper bracket.

16 Remove the retaining ring. Use a crowbar.



17 Remove the brake disc.



18 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.

19 Install the brake disc.

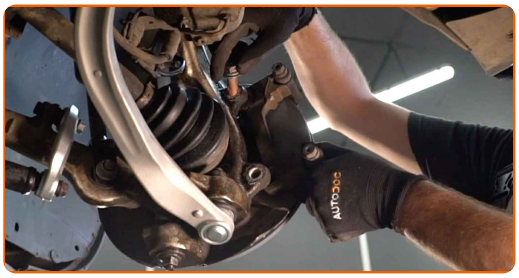
20 Install the retaining ring.

21 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

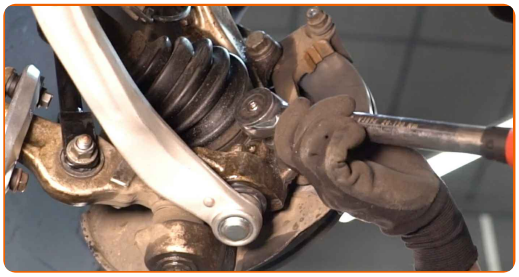
AUTODOC recommends:

- Replacement: brake discs – AUDI A8 D2 (4D2, 4D8). After applying the spray, wait a few minutes.

22 Install the brake caliper bracket.



23 Tighten the brake caliper bracket. Use a drive socket #21. Use a torque wrench. Tighten it to 190 Nm torque.

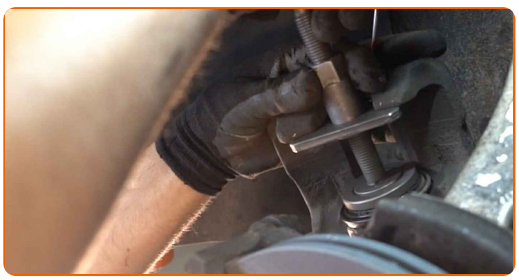


24 Treat the brake caliper piston. Use a brake cleaner.

Replacement: brake discs – AUDI A8 D2 (4D2, 4D8). Tip:

- After applying the spray, wait a few minutes.

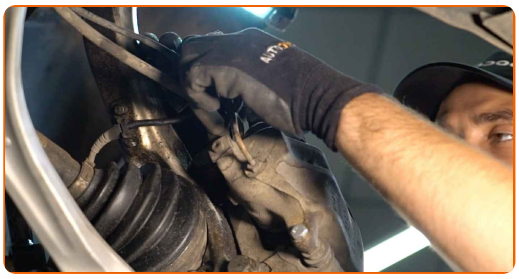
25 Press in the brake caliper piston. Use brake caliper wind back tool.



26 Install the brake pads.

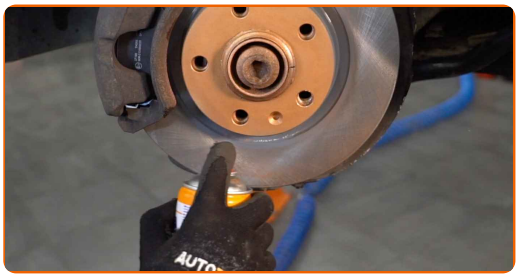
27 Install the brake caliper and fix it. Use a combination spanner #13. Use a combination spanner #15. Use a torque wrench. Tighten it to 30 Nm torque.

28 Connect the brake pads wear sensor.



29 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

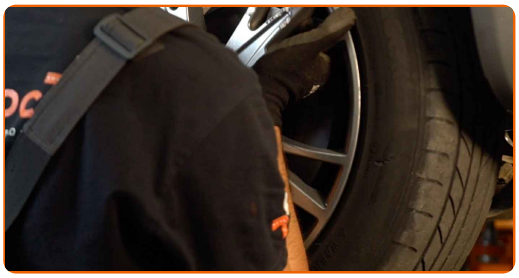
30 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake discs – AUDI A8 D2 (4D2, 4D8). After applying the spray, wait a few minutes.

31 Install the wheel.



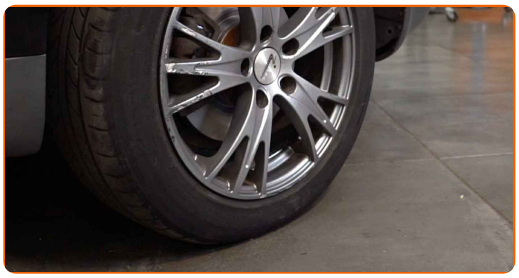
Replacement: brake discs – AUDI A8 D2 (4D2, 4D8). Tip from AUTODOC:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

32 Screw in the wheel bolts. Use wheel impact socket #17.

33 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

34 Remove the jacks and chocks.



Replacement: brake discs – AUDI A8 D2 (4D2, 4D8). AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

35 Tighten the brake fluid reservoir cap. Close the hood.

AUTODOC recommends:

- AUDI A8 D2 (4D2, 4D8) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

WELL DONE!

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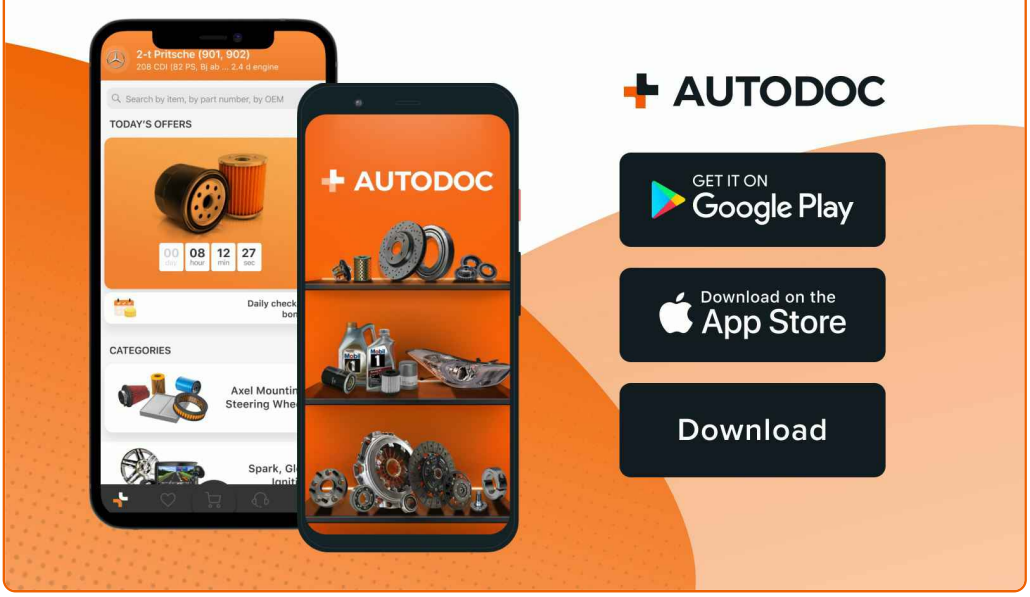

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BRAKE DISCS: A WIDE SELECTION

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